

chain nodes :

16 17 18 19 20 21 22 23 24 25 26 39 40 41 42 43 44 45 46

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 27 28 29 30 31 32 33 34 35  
36 37 38

chain bonds :

2-22 3-20 4-21 6-26 7-16 9-24 10-17 11-25 12-19 12-23 13-18 17-28 18-27  
29-40 30-39 31-44 35-42 35-45 36-41 37-46 39-43

ring bonds :

1-2 1-11 2-3 3-4 4-5 5-12 6-7 6-10 7-8 8-14 9-10 9-13 11-14 12-13  
27-29 27-33 28-34 28-38 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38

exact/norm bonds :

3-20 7-16 10-17 12-19 13-18 17-28 18-27 29-40 30-39 36-41

exact bonds :

1-2 1-11 2-3 2-22 3-4 4-5 4-21 5-12 6-7 6-10 6-26 7-8 8-14 9-10 9-13  
9-24 11-14 11-25 12-13 12-23 27-29 27-33 28-34 28-38 29-30 30-31 31-32  
31-44 32-33 34-35 35-36 35-42 35-45 36-37 37-38 37-46 39-43

isolated ring systems :

containing 1 : 27 : 28 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom  
28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom  
37:Atom 38:Atom 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS  
45:CLASS 46:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 09:01:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1389 TO ITERATE

100.0% PROCESSED 1389 ITERATIONS

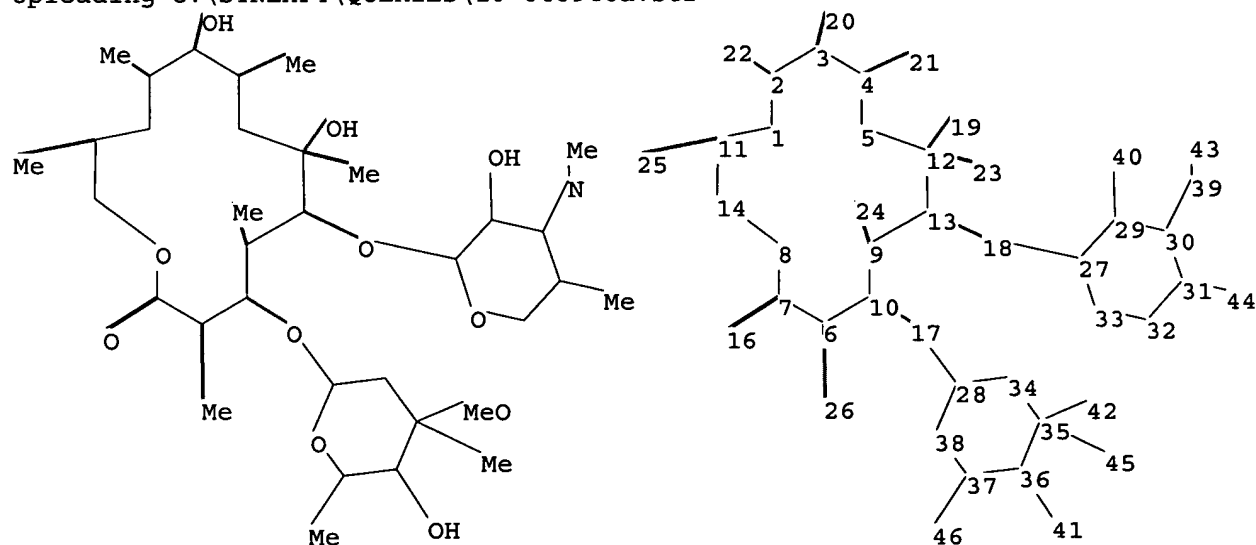
0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=>

Uploading C:\STNEXP4\QUERIES\10-648946a.str



chain nodes :

```

16 17 18 19 20 21 22 23 24 25 26 39 40 41 42 43 44 45 46
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 27 28 29 30 31 32 33 34 35
36 37 38
chain bonds :
2-22 3-20 4-21 6-26 7-16 9-24 10-17 11-25 12-19 12-23 13-18 17-28 18-27
29-40 30-39 31-44 35-42 35-45 36-41 37-46 39-43
ring bonds :
1-2 1-11 2-3 3-4 4-5 5-12 6-7 6-10 7-8 8-14 9-10 9-13 11-14 12-13
27-29 27-33 28-34 28-38 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38
exact/norm bonds :
3-20 7-16 10-17 12-19 13-18 17-28 18-27 29-40 30-39 36-41
exact bonds :
1-2 1-11 2-3 2-22 3-4 4-5 4-21 5-12 6-7 6-10 6-26 7-8 8-14 9-10 9-13
9-24 11-14 11-25 12-13 12-23 27-29 27-33 28-34 28-38 29-30 30-31 31-32
31-44 32-33 34-35 35-36 35-42 35-45 36-37 37-38 37-46 39-43
isolated ring systems :
containing 1 : 27 : 28 :

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom
28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 38:Atom 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS
45:CLASS 46:CLASS

```

L3 STRUCTURE UPLOADED

```

=> s l3 ful
FULL SEARCH INITIATED 09:03:09 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1389 TO ITERATE

```

```

100.0% PROCESSED 1389 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

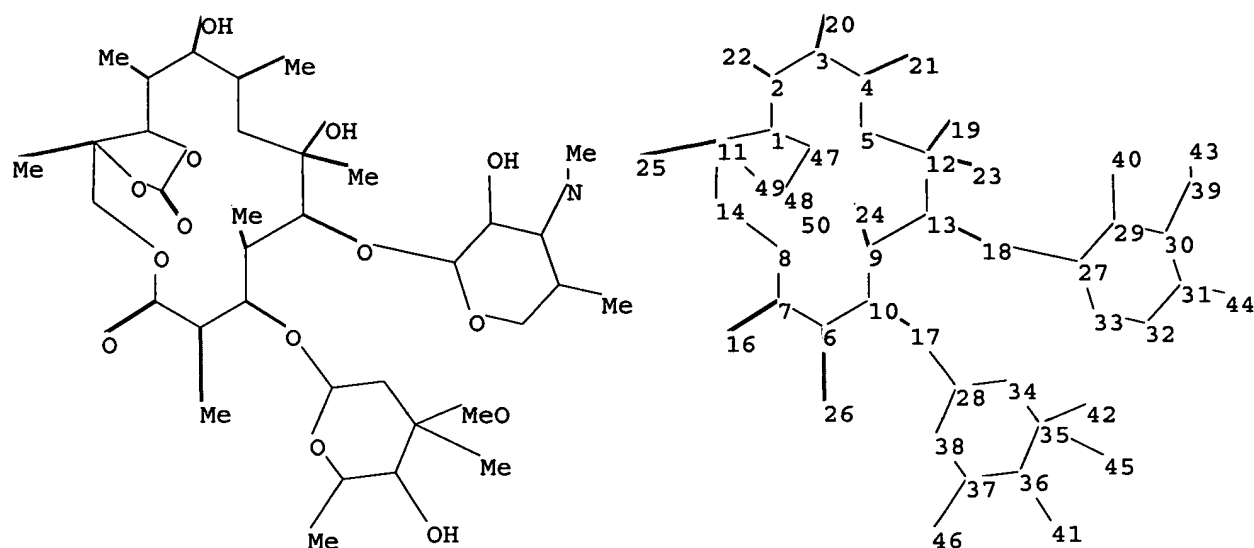
```

L4 0 SEA SSS FUL L3

```

=>
=>
=>
Uploading C:\STNEXP4\QUERIES\10-648946b.str

```



chain nodes :

16 17 18 19 20 21 22 23 24 25 26 39 40 41 42 43 44 45 46 50

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 27 28 29 30 31 32 33 34 35  
36 37 38 47 48 49

chain bonds :

2-22 3-20 4-21 6-26 7-16 9-24 10-17 11-25 12-19 12-23 13-18 17-28 18-27  
29-40 30-39 31-44 35-42 35-45 36-41 37-46 39-43 48-50

ring bonds :

1-2 1-11 1-47 2-3 3-4 4-5 5-12 6-7 6-10 7-8 8-14 9-10 9-13 11-14  
11-49 12-13 27-29 27-33 28-34 28-38 29-30 30-31 31-32 32-33 34-35 35-36  
36-37 37-38 47-48 48-49

exact/norm bonds :

3-20 7-16 10-17 12-19 13-18 17-28 18-27 29-40 30-39 36-41 48-50

exact bonds :

1-2 1-11 1-47 2-3 2-22 3-4 4-5 4-21 5-12 6-7 6-10 6-26 7-8 8-14 9-10  
9-13 9-24 11-14 11-25 11-49 12-13 12-23 27-29 27-33 28-34 28-38 29-30  
30-31 31-32 31-44 32-33 34-35 35-36 35-42 35-45 36-37 37-38 37-46 39-43  
47-48 48-49

isolated ring systems :

containing 1 : 27 : 28 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom  
28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom  
37:Atom 38:Atom 39:CLASS 40:CLASS 41:Atom 42:CLASS 43:CLASS 44:CLASS  
45:CLASS 46:CLASS 47:Atom 48:Atom 49:Atom 50:CLASS

L5        STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5                STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l5 ful

FULL SEARCH INITIATED 09:40:03 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -        29 TO ITERATE

100.0% PROCESSED        29 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L6                0 SEA SSS FUL L5

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

519.68

519.89

STN INTERNATIONAL LOGOFF AT 09:52:03 ON 10 FEB 2005